GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Water Resources Department – Desilting of the foreshore of Prakasam Barrage and Dowlaiswaram Barrage through dredging operations and disposal of excavated silt and sand by dredging -Accorded.

WATER RESOURCES (WRG:GRC) DEPARTMENT

G.O.Rt.No.148 **Dated:24.02.2016**

Read the following:-

1. Govt. Memo No.4042/WRG-GRC/2015-1, dated:12 .05.2015
2. From the Engineer-in-Chief (IW), Lr. No. ENC/ IW/ SE(P&M)Cell/ EE.1/ DEE.2/ AEF/Dredging Operations/Vol.1,dt:30.09.2015.

***

ORDER:-

In the reference 1st read above, a committee has been constituted comprising of Engineer-in-Chief (I.W./A.W.), WR Department, Chief Engineer, Krishna Delta System; Chief Engineer, Godavari Delta System; representatives of Chief Engineer, Central Design Organisation; Chief Engineer, Hydrology, representative of Mining Department, and Dredging Corporation of India and they are requested to undertake the certain functions and submit report to the Government in Water Resources Department.

2. In the reference 2nd read above, the Engineer-in-Chief (I.W./A.W.), WR Department has communicated the approved minutes of the meeting held on 24-08-2015, containing recommendations of the Committee in connection with de-silting of the foreshore of Prakasam and Dowlaiswaram barrage and disposal of excavated sand and silt.

3. Government, after careful examining the issue, have decided to desilting works of reservoirs of Sir Arthur Cotton Barrage, Dowlaiswaram and Prakasam Barrage (@ Vijayawada) duly using Dredgers in the water spread area of these two reservoirs on a pilot basis to take up the dredging operations as per due procedure and duly following the modalities as per the Annexure of this orders.

4. The Managing Director, Andhra Pradesh Mineral Development Corporation, Khairtabad, Hyderabad and the Engineer-in-Chief (I.W./A.W.), GoAP, Hyderabad shall take necessary further action in the matter accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

ADITYA NATH DAS,
PRINCIPAL SECRETARY TO GOVERNMENT

To
The Managing Director, A.P. Mineral Development Corporation,
Khairtabad, Hyderabad
The Engineer- in - Chief (I.W./A.W.), GoAP, Hyderabad.
Copy to
The Chief Engineer, Krishna Delta System, Vijayawada
The Chief Engineer, Godavari Delta System, Dowlaiswaram, E.G.Dist.
The Chief Engineer, Central Design Officer, Hyderabad.
The Chief Engineer, Hydrology, Hyderabad.
P.S. to Secretary to C.M.(Sri G. Sai Prasad)
P.S. to Chief Secretary to Government.
The OSD to Hon'ble Minister for Water Resources.
The Secretary, Industries & Commerce Department.
The Director, Mines & Geology, Hyderabad.
P.S. to Prl. Secretary to Govt, WR Department.
SC/SF

//FORWARDED BY ORDER//

SECTION OFFICER

ANNEXURE to G.O.Rt. No.148, Water Resources (WRG-GRC) Department, dt.24.02.2016.

Modalities of the Desilting of the foreshore of Prakasam Barrage and Dowlaiswaram Barrage through dredging operations and disposal of excavated silt and sand

***

a) Since, sand subject is transferred to Mines Department, vide G.O.Ms.No. 154, dt.02.12.2015, instead of utilizing the services of Society of Elimination of Rural Poverty (SERP) for disposal of dredged material, Mines Department through AP Mineral Development Corporation (APMDC) has to develop mechanism for disposal of dredged material, which contains silt, sand and other course aggregate (Pebbles) etc.

b) The dredging operation is not a mining/quarrying activity and that too, it is done in submergence area of irrigation reservoirs/streams/rivers, it does not need mining plan and Environmental Clearance, as it is a restoration process. However, requisite precautionary measures shall be taken by Chief Engineer, Godavari Delta System and Chief Engineer, Krishna Delta System to protect strength & safety of the irrigations structures, bunds etc.

c) AP Mineral Development Corporation (APMDC) has to enter into Price/Purchase Agreement with the Agency entrusted to dredge after due negotiations for purchase of dredged material. The applicant must be technically evaluated by a Committee formed vide Govt.Memo.4042/WRG:GRC/2015-1, dated 12.05.2015 and then entrustment of dredging work would be carried out.

d) The Chief Engineer, Irrigation of Godavari/Krishna have to provide required land to AP Mineral Development Corporation (APMDC) for stocking of dredged material and any other support as requested by Vice Chairman & Managing Director, AP Mineral Development Corporation (APMDC).

e) The depth/ location of dredging required will be indicated by the concerned Chief Engineer, Irrigation.

f) A Nodal Officer (Executive Engineer Cadre) will be deputed by Chief Engineer, Irrigation to coordinate the dredging operations and disposal of dredged material in the reservoirs where this work would be carried out.

g) The desilting/dredging operations in the reservoirs are highly technically sensitive operations, warranting safety of the reservoirs. The AP Mineral Development Corporation (APMDC) does not have the suitable manpower required for overseeing, controlling and monitoring of the operations. Hence, the total operations right from the dredging to separation of silt & sand and storage should be under the strict supervision and control of the Water Resources Department. Concerned Chief Engineer would be supervising these operations.

h) During the dredging operation the total slurry would be pumped in to a pond with surrounding bunds of suitable strength for containing dredged material with a facility to drain out the clear water. There is a need to have adequate number of ponds for sand and sand mixed with silt, which need to be carefully monitored with experienced people to caution the dredging operations to divert the slurry in to another pond.

i) Technical persons (AE/AEE level) will be deputed to AP Mineral Development Corporation (APMDC) by the concerned Chief Engineer, Irrigation to look after the dredging aspect, apart from directing the Dredging companies about the location where dredging should be taken up. The process for sale of dredged sand/silt should be in accordance with the G.O.Ms.No.19, Ind.&Com.(M.II) Dept.,15-01-2016, G.O.Ms.No.20 Ind.&Com.(M.II) Dept., 15-01-2016, & G.O.Ms.No.21, Ind.&Com.(M.II) Dept.,19-01-2016.

Contd…….2

j) The AP Mineral Development Corporation (APMDC) would take over the stock point maintenance and sale and payment to dredging operators or any other agency as per due selection procedure on unit basis of sand/silt dredged.

k) While disposing the material, in case of sand useful for construction is available, the same should be allotted to Water Resources Department/ Government Department, Public Sector Undertaking (PSU) on priority for their works at Standard Schedule of Rates (SSRs) before being sold.

l) Sand after washing silt etc may be sold in the open market (after meeting requirement of Water Resources Department) at the rates fixed by Industries & Commerce (Mines) Department. Silt can be disposed off through auction process and can be given to other Government Department works as per Standard Schedule of Rates (SSRs).

m) Mines Department through AP Mineral Development Corporation (APMDC) have to take immediate action to take up dredging and disposal of dredged material, in order to enable to impound waters to full capacity of the Reservoirs in the coming season as the operations take 8-10 months time.

n) Suitable monitoring and reporting systems may be devised and the Chief Engineers, WR Department and the Principal Secretary, WR Department and the Secretary, Industries & Commerce (Mines), be periodically informed of the progress of work.

o) The Dredging operations will be taken up for desilting of reservoirs at Sir Arthur Cotton Barrage, at Dowlaiswaram and Prakasam Barrage at Vijaywada provided that the economics support it and the cost of dredging works not to be more than the sale price of dredged material and then the APMDC is benefited due to sale of dredge material after paying the cost of dredging, operations and other minor expenditure.

p) Government reserves the right to allot all or any of the Reservoirs to Government Department/Public Sector Undertaking (PSU) on nomination basis for sale of sand sourced through de-siltation process.

q) The APMDC shall estimate quality and quantity of sand available at dredging points and other points where dredging may improve the flow of water, reduces future siltation and flood damages.

ADITYA NATH DAS,
PRINCIPAL SECRETARY TO GOVERNMENT